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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/360,861	07/23/1999	RAMGOPAL VIDYANAND	EFIM0072	4755

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EXAMINER

MITCHELL, MONICA J

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 03/13/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/360,861

Applicant(s)

VIDYANAND, RAMGOPAL

Examiner

Monica J. Mitchell

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 July 1999 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2,3,5,10.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Specification

1. The spacing of the lines of the specification is such as to make reading and entry of amendments difficult. New application papers with lines double spaced on good quality paper are required.
2. The disclosure is objected to because of the following informalities: The following reference elements are missing from the specification-Figure 1: 17, 19, 36a, 36b, 30a, 30i; Figure 3: 46; Figure 4: 48; Figure 7: 53 and "51b" labeled "brochure" should be changed to "51c"; Figure 8: 82; Figure 9: 78, 80, 92; Figure 13: 106; and Figure 15: 122.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

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4. Claims 1-20 rejected under 35 U.S.C. 102(e) as being anticipated by Terasaka (U.S. Patent Number 6,236,462).

Regarding claim 1, Terasaka discloses a process comprising the steps of establishing a set of one or more printer driver preferences (column 3, line 66 to column 4, line 3) at a first client computer (Figure 9, reference element 1) for sending a print job to a first output device (Figure 9, reference element 2), sending said set of said one or more said print driver preferences (column 3, lines 33-40) from said first client computer (Figure 9, reference element 1) to a second client computer (Figure 9, reference element 4), and using said set of one or more said printer driver preferences (column 3, lines 33-40) at said second client computer (Figure 9, reference element 4) to send a second print job (column 5, lines 1-5) to said first output device (Figure 9, reference element 2).

Regarding claim 2, Terasaka discloses the process further comprising the step of modifying said one or more of said printer driver preferences within said sent said set of one or more said printer driver preferences at said second client computer (column 3, lines 33-40; WYSIWYG is located in second computer also).

Regarding claim 3, Terasaka discloses the process wherein the step of modifying said one or more of said printer driver preferences within said sent set of said one or more said printer driver preferences at said second client computer is performed automatically (column 6, lines 15-18).

Regarding claim 4, Terasaka discloses the process wherein the step of modifying said one or more of said printer driver preferences within said sent set of said one or

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more said printer driver preferences at said second client computer is performed through interaction with a client user at said second client computer (column 5, lines 1-5 and column 6, lines 9-14).

Regarding claim 5, Terasaka discloses the process wherein said output device is a printer (Figure 9, reference elements 2 and 7).

Regarding claim 6, Terasaka discloses a process comprising the steps of establishing a set of one or more printer driver preferences (column 3, line 66 to column 4, line 3) at a first client computer (Figure 9, reference element 1) for sending a print job to a first output device (Figure 9, reference element 2) having a first feature set (column 4, lines 12-27), sending said set of said one or more said print driver preferences (column 3, lines 33-40) from said first client computer (Figure 9, reference element 1) to a second client computer (Figure 9, reference element 4), and using said set of one or more said printer driver preferences (column 3, lines 33-40) at said second client computer (Figure 9, reference element 4) to send a second print job (column 5, lines 1-5) to said second output device (Figure 9, reference element 7) having a second feature set (column 4, lines 59-65).

Regarding claim 7, Terasaka discloses the process further comprising the step of modifying said one or more of said printer driver preferences within said sent said set of one or more said printer driver preferences at said second client computer (column 3, lines 33-40; WYSIWYG system is located in second computer also), before sending said second print job to said second output device (column 7, lines 5-49).

Regarding claim 8, Terasaka discloses the process wherein the step of modifying said one or more of said printer driver preferences within said sent set of said one or more said printer driver preferences at said second client computer is performed automatically (column 6, lines 15-18).

Regarding claim 9, Terasaka discloses the process wherein the step of modifying said one or more of said printer driver preferences within said sent set of said one or more said printer driver preferences at said second client computer is performed through interaction with a client user at said second client computer (column 5, lines 1-5 and column 6, lines 9-14).

Regarding claim 10, Terasaka discloses the process wherein said step of modifying said one or more of said printer driver preferences within said sent set of said one or more said printer driver preferences at said second client computer includes keyword matching between said first feature set and said second feature set (column 7, lines 18-22).

Regarding claim 11, Terasaka discloses the process wherein step of modifying said one or more of said printer driver preferences within said sent set of said one or more said printer driver preferences at said second client computer includes resolution of conflicts between said first feature set and said second feature set (column 6, lines 9-18).

Regarding claim 12, Terasaka discloses the process wherein said output device is a printer (Figure 9, reference elements 2 and 7).

Regarding claim 13, Terasaka discloses the process wherein said second said feature set of said second output device is different from said first set of said first output device (column 7, lines 5-55).

Regarding claim 14, Terasaka discloses a printer driver system comprising one or more printing devices (Figure 9, references elements 2 and 7), each of said printing devices having a set of one or more feature (column 7, lines 5-55), a plurality of client computers networked to one or more of said one or more output printing devices (Figure 9), each of said client computers capable of sending print jobs to any of said one or more printing devices (column 7, lines 5-12), at least one of said plurality of client computers capable of constructing one or more sets of one or more printer driver preferences (column 3, line 66 to column 4, line 27), and for modifying said one or more sets of one or more output printing devices (column 6, line 66 to column 7, line 4), and means for transferring said one or more sets of one or more printer driver preferences between said client computers (Figure 1; read as "communication line").

Regarding claim 15, Terasaka discloses the printer driver system further comprising a print server having storage located between said client computers and at least one of said printing device (column 3, lines 47-55; reference element 11), and wherein said means for transferring said one or more sets of one or more printer driver preferences between said client computers includes the transfer of said one or more sets of one or more printer driver preferences from said client computers to said storage within said print server (column 3, lines 33-39), and retrieval of said stored said one or

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more sets of one or more printer driver preferences at other of said client computers (column 3, lines 40-46).

Regarding claim 16, Terasaka discloses the printer driver system wherein said at least one of said plurality of client computers capable of constructing and modifying said one or more sets of one or more printer driver preferences is also capable of constructing a merged set of printer driver preferences based upon selected preferences previously defined sets of one or more printer driver preferences (column 6, line 19 to column 7, line 4).

Regarding claim 17, Terasaka discloses the printer driver system wherein said modification of said one or more sets of said printer driver preferences is performed automatically (column 6, lines 15-18).

Regarding claim 18, Terasaka discloses the printer driver system wherein said modification of said one or more sets of said printer driver preferences is performed through interaction with a client user (column 5, lines 1-5 and column 6, lines 9-14).

Regarding claim 19, Terasaka discloses the printer driver system wherein said modification of said one or more sets of said printer driver preferences provides keyword matching between said sets of one or more of said features (column 7, lines 18-22).

Regarding claim 20, Terasaka discloses the printer driver system wherein said modification of said one or more sets of said printer driver preferences provides resolution of conflicts between said sets of one or more said features (column 6, lines 9-18).

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monica J. Mitchell whose telephone number is 703-306-3430. The examiner can normally be reached on Mon.-Fri., 7:30 a.m. to 4:30 p.m.; Alt. Fri. Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 703-305-4712. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9313 for regular communications and 703-872-9313 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4750.

mjm
March 10, 2003


EDWARD COLES
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER